

Title (en)

METHOD OF ASSEMBLING AN ELECTRONIC SUBASSEMBLY FOR A PERSONAL CARE PRODUCT

Title (de)

VERFAHREN ZUR MONTAGE EINER ELEKTRONISCHEN UNTERBAUGRUPPE FÜR EIN KÖRPERPFLEGEPRODUKT

Title (fr)

PROCÉDÉ D'ASSEMBLAGE D'UN SOUS-ENSEMBLE ÉLECTRONIQUE DESTINÉ À UN PRODUIT DE SOINS PERSONNELS

Publication

**EP 3219451 B1 20191113 (EN)**

Application

**EP 16160243 A 20160314**

Priority

EP 16160243 A 20160314

Abstract (en)

[origin: EP3219451A1] A method of assembling an electronic subassembly for a personal care product by providing an adapter having a body with a tapered guide surface. A first circuit board is positioned within the adapter. A flexible portion of the first circuit board extends from one end of the adapter and a rigid end of the first circuit board extends from the other end of the adapter. A housing is provided with a first opening and a second opening and a chamber (between the first and second openings). A second circuit board having an electrical connector into the chamber thru the first opening. The tapered surface of the adapter engages a corresponding tapered guide surface of the housing. The rigid end of the first circuit board is connected to the electrical connector.

IPC 8 full level

**B26B 21/40** (2006.01)

CPC (source: EP US)

**B26B 21/405** (2013.01 - EP US); **B26B 21/4068** (2013.01 - EP US); **H01R 43/26** (2013.01 - US); **Y10T 29/49169** (2015.01 - EP US)

Cited by

CN111801203A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3219451 A1 20170920**; **EP 3219451 B1 20191113**; BR 112018068432 A2 20190129; CN 108698242 A 20181023; CN 108698242 B 20200901; JP 2019508160 A 20190328; JP 6823073 B2 20210127; MX 2018011158 A 20190110; SG 11201807015Y A 20180927; US 2017259440 A1 20170914; US 9950436 B2 20180424; WO 2017160576 A1 20170921

DOCDB simple family (application)

**EP 16160243 A 20160314**; BR 112018068432 A 20170309; CN 201780011668 A 20170309; JP 2018548144 A 20170309; MX 2018011158 A 20170309; SG 11201807015Y A 20170309; US 2017021511 W 20170309; US 201715453985 A 20170309